



# NITFS Compliance Registration



**Product:** Telesis Image & Communications Environment (ICE) version 4.1

**Date:** 19 April 2002

**Sponsor:** Telesis Corporation, San Antonio, Texas

**Expiration:** 18 April 2004

**Developer:** Telesis Corporation, San Antonio, Texas

**Registration #:** 2016

☐ Initial Registration  
☒ Supplemental/Update #05  
☐ Derived from Reg. #

**System**  
N-0105/98, §4.1.1

## NITFS Features Implemented:

☒ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

### Format

- ☒ NITF
- ☒ v2.1
- ☒ v2.0
- ☒ v1.1
- ☒ NSIF
- ☒ v1.0

### Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☐ Signed Integer \*
- ☐ IEEE Real \*
- ☐ IEEE Complex \*

### Annotation Segment Types

- ☒ Bit Mapped \*\*
- ☒ COM, 2301
- ☒ COM, 2301A
- ☒ Labels \*\*

### Text Segments

- ☒ TA
- ☒ UT1
- ☐ U8S
- ☐ MTF

### Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☐ NO DISPLY
- ☐ POLAR

### Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsample
- ☒ JPEG Lossless
- ☐ JPEG 2000
- ☒ Level
- ☒ Vector Quantization
- ☒ Multispectral JPEG, Individual Band

### Data Extension Segments

- ☐ TRE\_OVERFLOW
- ☐ STREAMING\_FILE\_HEADER
- ☐ Controlled Extensions \*\*
- ☐ Registered Extensions \*\*

### Tagged Record Extensions

- None implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- Pentium (MS Windows 95)
- Pentium (MS Windows 98)
- Pentium (MS Windows NT 4.0 Sp5)

CHRISTOPHER K. LONG, Acting Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Imagery & Mapping Agency  
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
product for the intended use. Optional NITFS features may not be implemented.